

CAUTION/DISCLAIMER

The results given on this web site announce a new capability that will need to be exercised and refined many times before such results can be considered quantitatively reliable guides for policy makers and other potential users of this information. They represent ongoing, unpublished research that has not been vetted in formal scientific review and, therefore, should not be used as a guide to the future or referenced in any way. In the meantime, the results do raise a number of important issues and questions. It is important for policy makers and other users to know that such questions are being asked and now can be answered, albeit with unknown accuracy. Moreover, since we are dealing with long-term climate change, we expect the capability to do this kind of projection will improve significantly by the time it is necessary to use it. So the reader is advised that the results discussed, particularly in Element 3, are highly preliminary. We cannot, at this time, estimate their reliability and/or uncertainty. They are not for public or private use or dissemination to others.

ELEMENT 2: Modeling Anthropogenic Climate Change

[PCM \(Washington, NCAR\)](#)

ELEMENT 3 – Downscaling/Inputs

Dynamical Downscaling (Leung, PNNL)

See http://www.pnnl.gov/atmos_sciences/Lrl/Progress3rd.pdf

Numerical Downscaling (Roads and Han, SIO)

See Progress Reports III and IV (January through March and April through June) at <http://ecpc.ucsd.edu/projects/acpi/acpiwebs.html>

Investigation of Climate Change Impacts on Water Resources and Fire Weather in the California region (D. Cayan and A. Westerling SIO; M. Dettinger and R. Hanson, USGS; T. Brown, DRI)

See <http://meteora.ucsd.edu/~meyer/acpi.html>

Investigation of Climate Change Impacts on Water Resources in the Columbia River and Sacramento-San Joaquin (Lettenmeier and Palmer, UW)

See <http://maximus.ce.washington.edu/pub/HYDRO/aww/acpi/acpi.htm>

**Investigation of Climate Change Impacts on Fish Habitats in the
Yakima River and American River (Wigmosta and Vail, PNNL)**

See <http://inrm.labworks.org/acpi/documents/NFMFAm.html>

Biological Ocean Model (Roads, SIO)

See http://cirrus.ucsd.edu/~pierce/acpi_pilot/progrpt_2001-06.html

Ocean Modeling (Maltrud and Lysne, LANL)